

a1 engineers, and highly depends on the know how at the time of design. But such a technique that depends on the human experience cannot definitely identify system resources to be reused, and it sometimes causes additional developments costs and time. There is a very real danger of cost increases during development due to design errors of the interface between the reused portions and the newly development portions in addition to the isolation difficulty.--

Please REPLACE the section heading on page 5, line 9, with the following section heading:

a2 --DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--

IN THE CLAIMS:

Please AMEND claims 1 and 5-18 in accordance with the following:

1. (ONCE AMENDED) A system analysis apparatus for analyzing a system containing one or a plurality of programs, comprising:
means for examining a data item access state in said program; and
an analyzer for analyzing strength degree of association relationships between processes and data items based on said data item access state, each said process being at least one of a program, a set of programs and a program section.

5. (ONCE AMENDED) The system analysis apparatus of claim 4, wherein said analyzer further comprises:
means for presenting at least one of a partitioning pattern of the data items and a division pattern of the processes, using the quantified data item access state data and the collected processes.

6. (ONCE AMENDED) The system analysis apparatus of claim 5, further comprising:
means for presenting a process interface in the presented division pattern of the processes, displaying distinction between public data and private data, said public data being external data used as interfaces to processes in other division, and private data being internal data used only within processes in a division.